

ABSTRACT

The present invention relates to a chemical industry, and more especially to a ceramic packing made of wollastonite, diopside, black tale and magnesite as main composition materials and employing clay as binder with
5 high alkali-resistant and its manufacturing process. It can be used to produce variety size of rasching ring, saddle, super saddle, cross-partition ring and ceramic ball and so on advanced alkali-resistant ceramic packing. The main performance specification: water-absorption: $<0.5\%$; bulk density: $2.35\sim 2.80\text{g/cm}^3$; alkali-resistant: $>99.5\%$; Mohs hardness: ≥ 6.6 ; the present
10 invention has following feathers: the raw material is coming from wide source, the manufacturing process is simple, the production cost is lower and so on, and the goods are chiefly used in inside of the alkaline medium reaction tower in chemical industry.